

Special Issue

Advances in Air Traffic and Airspace Control and Management (2nd Edition)

Message from the Guest Editor

This Special Issue aims to bring together innovative contributions that address all tasks related to Air Traffic and Airspace Control and Management. Therefore, we welcome original research articles and reviews related to all fields of the topic included the following:

- Trajectory prediction and management;
- Trajectory optimisation, guidance and control;
- Air traffic control fundamentals;
- Capacity, delay and demand management;
- Resource planning and optimisation;
- Data science, complexity and machine learning in Air Traffic Management (ATM);
- Network and strategic flow optimisation;
- Surveillance and navigation;
- Airspace design;
- Air traffic operations;
- Conflict detection and resolution models;
- Airport planning, management and operations;
- Performance measurement in Air Traffic Management (ATM);
- Safety, resilience and security;
- Environmental impact analysis and mitigation;
- Weather in Air Traffic Management (ATM);
- Sustainability in Air Traffic Management (ATM);
- Human factors;
- UAS/RPAS integration and operation;
- Unmanned aircraft system Traffic Management (UTM);

Guest Editor

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Deadline for manuscript submissions

closed (15 February 2025)



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About the Journal

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

Editor-in-Chief

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